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saccharom	202457	TBF1_YEAST	_	562	0.4	T02.5	33
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physcomitre	P80074	MYB1_PHYPA	μ	449	٠	128	27
schizosacch	P39964	CC5_SCHPO	-	757	7.5	142.5	2
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zea mays (m	· P10290	MYBC_MAIZE		273	18.4	348.5	· œ
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hordeum vul	P20026	MYB1_HORVU	μ.	267	19.6	370.5	ij
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otion	Description	Ħ	B	Length	Match	Score	No.

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112 NESADEQLLILDLHTRWGNRWSKIAQHLPGRTDNEIKNYWRTRVQKHAKQLNCDANSKRF 171

Query Match 20.4%; Score 386.5; DB 1; Length 421; Best Local Similarity 51.4%; Pred. No. 7.7e-24; Matches 76; Conservative 16; Mismatches 43; Indels 13

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7050; CAA4 2144; S2424 2103; 1P00 1000 00249; myb PS000337; PS5003037; PS50090; PF50090; PF50090; PF50090; PF50090; PF50090;	MICHALINA SAIMERER W. SSION OF MANDETELL J. 3:51-61(1993), NCTION: POSSIBLE BCELLULAR LOCATIO VELOPMENTAL STAGE MILARITY: BELONGS MILARITY: BELONGS MILARITY: BELONGS MICHALITY: Instruction The Swiss	STANDARD; (Rel. 28, Cr (Rel. 28, La (Rel. 34, La (Rel. 34, La PROTEIN PP2. la patens (M 'iridiplantae Funariales; 1218; M N.A. M N.A.	
44.435.1; 44. 44. 05; - DNA-bindin b_DNA-bindin MYB_2; 1. MYB_3; 2. DNA-binding; 102 102 102 MW; 46695 MW;	Admmerer W., Cove D.J., Marte of myb-related genes in the 51-61(1993). WHE PROPERTY OF TRANSCRIPTION ACT JUAN LOCATION: NUCLEAR (POTEN MENTAL STAGE: HIGH RATES OF GITTY: BELONGS TO THE MYB FAMIL FROT entry is copyright. It is Swiss Institute of Bioinfor Bioinformatics Institute. Institute. Institute a Bioinformatics Institute as lon this statement is not remove this statement is not remove pulses a license agreement (Sammail to license 155-515.Ch).	STANDARD; PRT 1. 28, Created) 1. 28, Last sequen 1. 34, Last annota TEIN PP2. patens (Moss). diplantae; Embryop ariales; Funariace; 1. A. B. PubMed-8401607;	2472 378 606 491 1169 677 1723 753 1039 515 665
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Magnoliophyta; Liliopsida; Poales; Poaceae; PACC clade; Panicoideae;
Andropogoneae; Zea.
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-- FUNCTION: TRANSCRIPTION FACTOR POSTULATED TO REGULATE THE BIOSYNTHETIC PATHWAY OF A FLAVONOID-DERIVED PIGMENT IN CERTAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIINE-91271238; PubMed-2052542;
Grotewold E., Athma P., Peterson T.;
"Alternatively spliced products of the maize P gene encode proteins
with homology to the DNA-binding domain of myb-like transcription
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15-JUL-1999 (Rel. 38, Last annotation update)
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P27898; P27899;
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"Insertional mutagenesis of the maize P gene by intragenic
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                                                                                                                     Alternative splicing
                                                                                                                                                     Nuclear protein;
                                                                                                                                                                                                                                       Pfam; PF00249; myb_DNA-binding; 2. PROSITE; PS00037; MYB_1; 1.
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SIMILARITY: BELONGS TO THE MYB FAMILY.
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Protein; DNA-binding;
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01-AUG-1992 (Rel. 23, L
01-OCT-1996 (Rel. 34, L
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                                                                                                                    This SWISS-PROT entry is copyright. It is produced through a collaboration between the Swiss Institute of Bioinformatics and the EMBL outstation the European Bioinformatics rastitute. There are no restrictions on its use by non-profit institutions as long as its content is in no way modified and this statement is not removed. Usage by and for commercial entitles requires a license agreement (see http://www.isb-sib.ch/announce/or send an email to license@isb-sib.ch).
                                                                                                                                                                                                                                                                                                                                       Oppenheimer D.G., Herman P.L., Sivakumaran S., Esch J., Marks M.D.; *A myb gene required for leaf trichome differentiation in Arabidopsis is expressed in stipules."; cell 67:483-493(1991).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Arabidopsis thaliana (Mouse-ear cress).
Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;
Magnollophyta; eudicotyledons; core eudicots; Rosidae; eurosids II;
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                                                                 EMBL; M79448; AAC97387.1; -. PIR; A39289; TVMUG1.
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                                                                                                                                                                                                                                                                                                  FUNCTION: REGULATES THE PRODUCTION OF A SIGNAL THAT INDUCES HAIR (TRICHOME) PRECURSOR CELLS ON LEAF PRIMORDIA TO
                                                                                                                                                                                                                                                                                      DIFFERENTIATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ------BLSRQIHTYRRKYTAGPDDTAIAIDMSKLQSADRRRGGRTPGRPPKASAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           95;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                153
399 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Brassicaceae; Arabidopsis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STANDARD;
                                                                                                                                                                                                                                                                                                                                                                                                                PubMed=1934056;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  43756 MW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         19.9%; Score 377.5; DB 1 34.8%; Pred. No. 3.8e-23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Created)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     29; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRCLPRGALAYLTLPRQSPFQTARITYDRIGSALLRSVRFC
FRCVPSRW (IN SHORT ISOFORM).
MISSING (IN SHORT ISOFORM).
; EE025B00A44CF5D0 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WSLIASHLPGRTDNEIKNYWNSHLSRQIHTYRRKYTAGPDD TAIAIDMSKLQSADRRRGGRTPG -> RHLMIEADYSPPST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    $
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 399;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          160
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TRANSFAC; T01588;

nterPro;

IPR001005;

PF00249;

myb_DNA-binding;